

# INTERNATIONAL SEARCH REPORT

In lonal Application No  
PCT/IB2004/001212

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 G01R33/561

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G01R

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC, WPI Data, BIOSIS

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>PRUESSMANN K P ET AL: "Advances in sensitivity encoding with arbitrary k-space trajectories" MAGN. RESON. MED. (USA), MAGNETIC RESONANCE IN MEDICINE, OCT. 2001, WILEY, USA, vol. 46, no. 4, 2001, pages 638-651, XP002288249 ISSN: 0740-3194 page 638, columns 1-2 page 641, columns 1-2</p> <p style="text-align: center;">----- -/--</p>	1-10

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*G\* document member of the same patent family

Date of the actual completion of the international search

14 July 2004

Date of mailing of the international search report

23/08/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Dragomir, A

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	S.A.R. KANNENGIESSER, A.R. BRENNER, T.G. NOLL: "Accelerated Image Reconstruction for Sensitivity Encoded Imaging with Arbitrary k-Space Trajectories" INTERNATIONAL SOCIETY FOR MAGNETIC RESONANCE IN MEDICINE, vol. 8, 2000, XP002288250 DENVER the whole document	1,8
X	K.P. PRUESSMANN, M.WEIGER, P.BOERNERT, P. BOESIGER: "A Gridding Approach for Sensitivity Encoding with Arbitrary Trajectories" INTERNATIONAL SOCIETY FOR MAGNETIC RESONANCE IN MEDICINE, vol. 8, 2000, XP002288251 DENVER the whole document	1,8
A	US 6 326 786 B1 (WEIGER MARKUS ET AL) 4 December 2001 (2001-12-04) abstract	1,8
A	WO 01/73463 A (PHILIPS CORP INTELLECTUAL PTY ; KONINKL PHILIPS ELECTRONICS NV (NL)) 4 October 2001 (2001-10-04) abstract	1,8

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No  
PCT/IB2004/001212

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6326786	B1	04-12-2001	BR 9810032 A	19-09-2000
			CN 1111746 B	18-06-2003
			EP 0990169 A1	05-04-2000
			WO 9954746 A1	28-10-1999
			JP 2002505613 T	19-02-2002
			RU 2216751 C2	20-11-2003
WO 0173463	A	04-10-2001	CN 1380983 T	20-11-2002
			WO 0173463 A1	04-10-2001
			EP 1212633 A1	12-06-2002
			JP 2003528666 T	30-09-2003
			US 2002014889 A1	07-02-2002